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14 FCI  
15 a scheduler that schedules [scheduling means for scheduling] the jobs of each group according to a procedure specific to the group and information provided by [the] said job [monitoring means] monitor.

1 2. (ONCE AMENDED) The system according to claim 1, further comprising[:]  
2 a job storage [means for storing] that stores a job definition form [that defines the  
3 period, members, processes, and resources allocated to each job carried out by each  
4 group,] containing previously defined information indicating rights to use the  
5 resources.

6 wherein said resource manager [the resource managing means], job  
7 [monitoring means] monitor, and [scheduling means exchanging the] scheduler  
8 exchange rights to use the resources among the groups according to the job  
9 definition form.

1 3. (ONCE AMENDED) The system according to claim 1, further comprising[:]  
2 a rearranging [means] unit that manages and rearranges [for managing and  
3 rearranging] the members and resources of the groups according to [the] progress of  
4 the jobs, [the] wherein said job [monitoring means monitoring] monitor monitors the  
5 jobs and resources of the groups according to information from said rearranging unit  
6 [the rearranging means].

1 4. (ONCE AMENDED) The system according to claim 1, wherein [further  
2 comprising]:  
3 an emergency group [that] is allowed to access every resource of every  
4 group[.]; and  
5 said job monitor accepts [the job monitoring means permitting] any request  
6 from the emergency group for accessing a resource.

1 5. (ONCE AMENDED) The system according to claim 1, wherein [the] said  
2 job [monitoring means has means for] monitor performs at least one of transferring a

3 resource from one of the groups to another[, or] group and automatically changing  
4 the resources of any one of the groups according to a procedure.

1 6. (ONCE AMENDED) The system according to claim 1, further comprising  
2 [means for using a telephone to call and ask,] a request unit that, when a first group  
3 makes a request to use a resource of a second group, requests the second group for  
4 permission to use the resource.

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2 7. (ONCE AMENDED) The system according to claim 6, [comprising means  
2 for using] wherein said request unit uses one of a telephone and a pager to [call and  
3 ask] request the second group for permission to use the resource.

1 8. (ONCE AMENDED) The system according to claim 6, [comprising means  
2 for using] wherein said request unit uses one of a telephone, a notebook computer,  
3 an electronic notepad, [or] and a workstation through one of a wide-area network, a  
4 personal computer communication network, [or] and a wireless  
5 network to [call and ask] request the second group for permission to use the  
6 resource.

1 9. (ONCE AMENDED) The system according to claim 6, further comprising a  
2 visual I/O [means such as a television camera] unit and an audio I/O [means such as  
3 a microphone to call and ask] unit to request the second group for permission to use  
4 the resource.

1 10. (ONCE AMENDED) The system according to claim 6, further comprising:  
2 an input device, [means such as a sensor or a transmitter] attached to a  
3 selected member of the second group, for identifying and locating the member[.]; and  
4 a positioning [means such as a television camera for photographing] unit  
5 generating an image of the selected member, [the] said input [means] unit and

6 positioning [means] unit being used to directly [ask] request the member of the  
7 second group for permission to use the resource.

1 11. (ONCE AMENDED) The system according to claim 6, wherein [the] said  
2 job [monitoring means has means for holding] monitor holds the schedules of the jobs  
3 of the groups and [exchanging] exchanges the jobs among the groups.

12. (ONCE AMENDED) The system according to claim 6, wherein [the job  
2 monitoring means has means for limiting] said job monitor limits the location, period,  
3 and group to handle a resource, to thereby strictly maintain the security of the  
4 resource.

1 13. (ONCE AMENDED) The system according to claim 6, wherein [the job  
2 monitoring means has means for indicating] said job monitor indicates whether  
3 permission [of the] for use of the resource is to be granted upon approval of all or  
4 some of the members of the second group.

1 14. (ONCE AMENDED) The system according to claim 6, wherein [the job  
2 monitoring means has means for adding the] said job monitor adds a name of a  
3 group to which a resource belongs to [the] a name of the resource, whereby [so that  
4 the groups may have] plural resources having the same name can be allocated to the  
5 group.

1 15. (ONCE AMENDED) The system according to claim 6, wherein [the job  
2 monitoring means has means for allocating] said job monitor allocates a  
3 representative name to a set of resources and identically [handling] handles the  
4 resources under the representative name.

1 16. (ONCE AMENDED) The system according to claim 10, wherein [the input  
2 means] said input device is a virtual-reality device attached to the selected member,  
3 to identify the location of the member.

1 17. (ONCE AMENDED) The system according to claim 10, wherein [the input  
2 means] said input device is a head-mount display worn by the selected member so  
3 that the member may give permission to use the resource.

1 18. (ONCE AMENDED) The system according to claim 10, wherein [the input  
2 means] said input device is provided with at least one of a password [or] and an ID,  
3 to prevent illegal access to [the input means] said input device.

1 *Refer to* [Please ADD the following new claims 25-32:]

2 *25.19* (NEW) The system according to claim 9, wherein:  
3 said visual I/O unit is a television camera; and  
said audio I/O unit is a microphone.

2 *26.20* (NEW) The system according to claim 10, wherein:  
3 said input unit is one of a sensor and a transmitter; and  
said positioning unit is a television camera.

1 *27.21* (NEW) A method for groupwise resource management, the  
2 method comprising:  
3 managing resources allocated to each of a plurality of groups of workers  
4 carrying out jobs using computers, each resource allocated to a group being further  
5 allocated for use by workers of the group in performing a corresponding job to be  
6 carried out by the group;  
7 monitoring the jobs carried out by each group;  
8 maintaining security of each of the resources allocated to the groups;

9 inhibiting access to a resource of a first group from another group to which  
10 permission to use the resource of the first group is not allocated; and  
11 scheduling the jobs carried out by each group in accordance with a procedure  
12 specific to the group and information provided through monitoring the jobs.

1 *rule 122* 28. (NEW) The method according to claim 27, further comprising  
2 storing a job definition form containing previously defined information indicating rights  
3 to use the resources.

*AGH*  
1 *rule 123* 29. (NEW) The method according to claim 28, wherein the previously  
2 defined information identifies for each job carried out by each group at least one of a  
3 job period, group members, processes, and resources allocated to the job carried out  
4 by the group.

1 *rule 124* 30. (NEW) A computer-readable medium encoded with a program for  
2 groupwise resource management, said program including the functions of:

3 managing resources allocated to each of a plurality of groups of workers  
4 carrying out jobs using computers, each resource allocated to a group being further  
5 allocated for use by workers of the group in performing a corresponding job to be  
6 carried out by the group;

7 monitoring the jobs carried out by each group;

8 maintaining security of each of the resources allocated to the groups;

9 inhibiting access to a resource of a first group from another group to which  
10 permission to use the resource of the first group is not allocated; and  
11 scheduling the jobs carried out by each group in accordance with a procedure  
12 specific to the group and information provided through monitoring the jobs.

1 *rule 125* 31. (NEW) The computer readable medium of claim 30, wherein the  
2 previously defined information identifies for each job carried out by each group at